## Index to Volume 5 Authors

Al Hajj H, 266 Amr SS, 266 Anniko M, 373 Axelsson A, 99, 127

Babin RW, 262 Baloh RW, 15, 93 Barin K, 27 Ben-David Y, 394 Boles L, 7 Briggs BR, 80 Brook I, 382 Brummett RE, 177 Buckwalter J, 281

Cacace AT, 43 Cecchetto A, 350 Chen KTK, 71, 415 Clark WC, 108 Cohen GM, 387 Cotton RT, 360 Cullen JK Jr, 34

Danino J, 394
Davidson SA, 27
Davis JA, 191
Dedo HH, 7
DeMaria TF, 80
Deshmukh DR, 191

Eliachar I, 394

Fausti SA, 177 Federspil P, 118 Ferlito A, 350 Fradis M, 394 Freint AJ, 411 Frey RH, 177

Gacek RR, 206 Gardner G, 108 Goldstein JC, 43 Goldstein M, 231 Goodrich I, 138

Hamernik RP, 99 Harris JP, 418 Hatano M, 1 Hawkins JE jr, 49, 118, 242 Hill JH, 411 Hochman R, 258 Hoffman RA, 68 Honrubia V, 15, 93

Izdebski K, 7

Jenkins HA, 15, 93 Joachims HZ, 394 Johnsson LG, 49, 118, 242 Jones-Mumby CJ, 127

Kaga K, 404 Kaliner M, 334 Kambič V, 344 Kingsley TC 242 Krespi YP, 60

Lau CGY, 15 Lee KJ, 138 Lim DJ, 80 Liu C, 262 Liu JJC, 404 Logun C, 334 Lotz W, 397 Lowry LD, 159, 404

Mafee MF, 411 Marom Z, 334 McCabe BF, 262 McFadden D, 235 Melnick W, 426 Meyerhoff WL, 166 Minser K, 93 Montaguti A, 350 Morgan GJ Jr, 258 Moseley D, 415 Myer CM III, 360

Nager GT, 301 Netsell R, 397 Nicolai P, 350

Ogura H, 1 Okazaki N, 80

Park JC, 387 Parnes SM, 43 Pasanen EG, 235 Patow CA, 334 Pennelli N, 350 Pensak M, 138 Plattsmier HS, 235 Podoshin L, 394 Preželj J, 344

Radsel Z., 344 Rappaport BZ, 177 Rarey KE, 191 Rettinger G, 183 Roberts BR, 64 Robertson JH, 108 Rouse RC, 49, 242 Ryan AF, 418 Ryu JH, 262

Sasaki CT, 281 Sataloff RT, 64 Satya-Murti S, 43 Schechter MA, 177 Schuknecht HF, 157 Shaddock LC, 99 Shaughnessy AL, 397 Shelhamer J, 334 Shihabi NK, 266 Shore SE, 34 Sidiras T, 183 Siegel GJ, 60 Sisson GA, 60 Stell PM, 203 Stockwell CW, 27 Stolte M. 183

Takimoto T, 1 Tomoda K, 108

Umeda R, 1

Valvassori GE, 270

Ward TT, 177
Weider DJ, 258
Weinberg RA, 71, 415
Weiss JM, 118
Wikström SO, 373
Wolf GT, 77
Wolpaw JR, 43
Wright CG, 166

Yee RD, 15, 93 Yoshida M, 159, 404

Žargi M, 344

## Index to Volume 5 Subjects

Acoustic neurinoma(s), sensorineural and vascular changes in, 49

radiologic evaluation of, 270

Adaptation, of vestibular neurons in cats, 262

Aerodynamics, laryngeal, 397

Air flow, laryngeal, in voice disorders, 397

Air pressure, subglottal, in voice disorders, 397

Airway(s), management in Hallermann-Streiff syndrome,

Aminoglycoside(s), effects of topical application on inner ear, 166

ototoxicity, 177

overdosage, causing total deafness, 118

Anatomy, cochlear, vascular changes induced by elevated temperatures and noise, 99

of gerbil cochlea, 127

Anlage(n), inner ear, development of, 373

Anomaly(ies), craniofacial, airway emergencies with, 64 Anoxia, effects on endolymphatic and perilymphatic

pressures in guinea pig inner ear, 159

Antigen(s), induced by Epstein-Barr virus in carcinoma cells. 1

Aqueduct, vestibular, enlargement of, 411

Aspirin, causing hearing loss, 235

effects on inner ear in Reye's syndrome, 191

Atrophy, of parotid gland, induced by duct occlusion, 183

Auditory 40-Hz response(s), in guinea pigs, 404

Auditory testing, behavioral, 43

evoked potentials, 43

high-frequency, in aminoglycoside ototoxicity, 177

Autoimmune inner ear disease, 418

Bacterium(a), beta-lactamase-producing, in tonsillitis, 382 Barbiturate(s), effects on vestibular neuron responses, 262 Basilar membrane vessel, in gerbil cochlea, 127

Beta-lactamase, production in penicillin-resistant infections, 382

Capillary(ies), in gerbil cochlea, 127

Carbogen, for hearing loss due to noise exposure, 426

Carcinoma(s), Epstein-Barr virus activation of, 1

laryngeal, 344

radiation-induced, of hypopharynx, 203

Carcinosarcoma(s), of salivary gland, 415

Cartilage, tumors of, 350

Cerebellopontine cistern, tumors in, 270

Cerebral cortex, aspiration of, effects on auditory 40-Hz responses in guinea pigs, 404

Chemotherapy, preoperative, for head and neck cancer (editorial), 77

Children, laryngeal stenosis in, 360

Cholesterol cyst, mimicking middle ear vascular tumor, 68

Chondrosarcoma, laryngeal, 350

Cisternography, in evaluation of acoustic neuromas, 270 Clindamycin, for group A  $\beta$ -hemolytic streptococcal

infection, 382

Cochlea(s), changes in Reye's syndrome, 191

effects of temperature elevation and noise in chinchillas,

159 microphonic potentials in guinea pigs, 34

effects of topical otic drops, 166 efferent system of, 206

Mondini malformations in, 242

partition of, response to frequency change, 34

vascular anatomy in gerbils, 127

Cogan's syndrome, 258

Colliculus(i), aspiration of, effects on auditory 40-Hz

responses in guinea pigs, 404

Corticosteroid(s), in treatment of Cogan's syndrome, 258 Cortisporin, effects of topical application on inner ear, 166

hair cell loss caused by aminoglycoside overdosage, 118

hydrostatic pressure of endolymph and perilymph in,

Craniotomy, for trigeminal neurinoma, 301

Cranium, tumors of, 301

Cricoid, anterior split, in neonates, 360

Cricothyroid muscle, 281

Cushing's disease, 138

Deafness, acoustic neurinoma causing, 49

aminoglycoside overdosage causing, 118 Deltopectoral flap, with pharyngolaryngectomy, 203

Drugs, nonsteroidal anti-inflammatory, resulting in hearing loss, 235

Duct occlusion, for parotid gland disorders, 183 Dysphonia, spastic, 7

Ear(s), acoustic neurinoma in, 49

diseases of, immunologic mechanisms in, 418

otitis media in, 80

partial auditory nerve damage in, effect on function, 43

Ectoderm, inner ear, development of, 373

Effusion(s), serous, with otitis media, 80

Eighth nerve, tumors of, 270

Epithelium, Epstein-Barr virus activation of carcinoma in, 1

inner ear, effects of streptomycin in chicks, 387

Epstein-Barr virus, see under Virus(es)

Esophagus, synovial sarcoma of, 266

Eustachian tube dysfunction, in hemotympanum, 68

Evoked potentials, auditory, in guinea pigs, 404

cortical, effects of auditory nerve damage on, 43

Eye(s), movement responses of, mathematical model of, 27 reflexes of, effect of labyrinthine lesions on, 15, 93

Fistula(e), salivary, treatment by duct occlusion, 183

Fixation suppression, of vestibular nystagmus, 27

Flap, lingual, for lip reconstruction, 60

Frequency, changes in, effect on cochlear partition displacement responses, 34

Glottis, 281

Glycoprotein(s), nasal mucous, 334

Graft(s), costal cartilage, for laryngeal stenosis, 360

Group A  $\beta$ -hemolytic streptococci, recurrent tonsillitis in

Hair cell(s), loss of, after application of topical otic drops,

loss of in cochleas exposed to elevated temperatures and noise, 99

Hallermann-Streiff syndrome, airway management in, 64 Hearing loss, in Cogan's syndrome, 258

in Reye's syndrome, 191

induced by topical otic drops, 166

induced by chronic noise exposure, 426

induced by intense sound and nonsteroidal anti-

inflammatory drugs, 235

sudden, 394

Hearing sensitivity, effects of aminoglycosides on, 177 Hemophilus influenzae, induction of otitis media in chinchillas by, 80

Hemotympanum, 68

Hoarseness, intramuscular laryngeal lipoma causing, 71

Hormone(s), in laryngeal carcinogenesis, 344

Hydrostatic pressure, see under Pressure

Hyperammonemia, effects on inner ear in Reye's syndrome, 191

Hypopharynx, carcinoma of, 203

Immunobiology, of inner ear, 418

Influenza B virus, see under Virus(es)

Inner ear, anlage, development of, 373

changes in Reye's syndrome, 191

damage from topical otic drops, 166

hydrostatic pressure of, 159

immunobiology of, 418

Mondini malformation, 242

Innervation, efferent, of labyrinth, 206

Internal auditory canal, tumors in, 270

Intubation, effect of craniofacial anomalies, 64

5-Iododeoxyuridine, effects on carcinoma cells, 1

Keratitis, in Cogan's syndrome, 258

Ketamine, effects on vestibular neuron responses, 262

Labyrinth, efferent innervation of, 206

paralysis of, effect on vestibulo-ocular reflexes, 15, 93

Laryngectomy, for laryngeal chondrosarcoma, 350

Laryngotracheoplasty, for laryngeal stenosis, 360

Larynx, aerodynamics of, 397

carcinoma of, 344

chondrosarcoma of, 350

functions of, 281

intramuscular lipoma in, 71

stenosis of in children, 360

Laser, argon, in stapedotomy, 108

CO2, in stapedotomy, 108

Lip, reconstruction of, bipedicled lingual flap for, 60

Lipoma, intramuscular, in larynx, 71

Lividomycin overdosage, causing total deafness, 118

Malignant mixed tumor, of salivary gland, 415

Medicinal therapy, for hearing loss due to noise exposure, 426

Meniere's disease, 418

Middle ear, ototoxicity of otic drops in, 166

vascular masses in, 68

Mondini malformation, 242

Mucosa(e), hyperplastic aberrations of, 344

Mucus, release of, 334

Nasopharynx, Epstein-Barr virus activation of carcinoma in. 1

Neonate(s), extubation in, 360

Nerve(s), auditory, damage of, effects on function, 43

cochlear, compression of by acoustic neurinoma, 49

laryngeal, 281

vestibular, degeneration due to acoustic neurinoma, 49

Neurinoma(s), 301 Neurofibromatosis, 301

Neurons, efferent, 206

Noise, effects on cochlea in chinchillas, 99

exposure, in hearing loss, 426

Nose, mucous glycoproteins of, 334

Nystagmus, vestibular, fixation suppression of, 27

Olivocochlear bundle, 206

Otic drops, ototoxicity of in chinchillas, 166

Otic placode, development of, 373

Otitis media, experimental, induced in chinchillas by

Hemophilus influenzae, 80

Otocyst, formation of, 373

Otolaryngology, academic (editorial), 157

research in (editorial), 231

subspecialtics in (editorial), 157

Otosclerosis, stapedotomy for, 108

Ototoxicity, 166, 177

threshold, of aminoglycosides, 118

vestibular, in chicks, 387

Paralysis, labyrinthine, effect on vestibulo-ocular reflexes, 15, 93

Parotid gland, induction of atrophy in, 183

nonneoplastic disorders of, 183

Parotitis, treatment by duct occlusion, 183

Pectoralis major flap, with pharyngolaryngectomy, 203

Pentobarbital, effects on 40-Hz auditory responses in

guinea pigs, 404

Peripheral facial palsy, familial recurrent (letter), 432

Pharyngolaryngectomy, 203

Phonation, role of larynx in, 281

spastic disorders of, 7

Pituitary, preoperative diagnosis in, 138

surgery of, 138

Pressure, hydrostatic, cochlear, of endolymph and

perilymph, 159

Protection, role of larynx in, 281

Radiation, inducing carcinoma of the hypopharynx, 203 Radiography, in evaluation of acoustic neuromas, 270

Radioimmunoassay, in determinations of pituitary hormones, 138

Recurrent tonsillitis, see under Tonsillitis

Reflex(es), laryngeal, 281

vestibulo-ocular, effect of labvrinthine lesions on, 15, 93

Research grants (editorial), 231

Respiration, role of larynx in, 281

Reye's syndrome, ferret model for, 191

Rhinorrhea, 334

Salivary duct, occlusion of, in treatment of nonneoplastic parotid disorders, 183

Salivary gland, carcinosarcoma of, 415

Sarcoma(s), synovial, of esophagus, 266

Sodium salicylate(s), resulting in hearing loss, 235 Sound(s), intense, resulting in hearing loss, 235

Spastic dysphonia, see under Dysphonia

Speech, reception, and recognition of, effect of damage to

auditory nerve on, 43

Stapedotomy, CO<sub>2</sub> laser, in cats, 108

Volume 5 Number 6 November 1984 vestibular, effect on fixation suppression of nystagmus, 27

Stimulus(i), immunologic, effects on mucous glycoprotein release, 334

neurohormonal, effects on mucous glycoprotein release, 334

rotatory, response of vestibulo-ocular reflex to, 15, 93 Streptomycin, effects on inner ear epithelium in chicks, 387

Sudden hearing loss, tinnitus as prognostic factor in, 394 Synovial sarcoma, see under Sarcoma

Temperature(s), elevated, effects on cochlea in chinchillas, 99

Temporal bone, involvement by trigeminal neurinoma, 301 Mondini malformation in, 242

Testosterone, in laryngeal carcinoma, 344

Testosterone/estradiol index, 344

12-O-Tetradecanoylphorbol-13-acetate, effects on carcinoma cells, 1

Thyroarytenoid muscle, 281 Tinnitus, in deafness, 394

Tomography, in evaluation of acoustic neuromas, 270

Tongue, flap from, lip reconstruction using, 60 Tonsillitis, recurrent, 382

Tracheostomy, effects on laryngeal function, 281

Tracheotomy, effect of craniofacial anomalies, 64 Transsphenoidal surgery, in pituitary disease, 138

Trigeminal nerve, 301
Turbinate(s), in analysis of nasal mucous glycoproteins,
334

Vasculature, cochlear, changes induced by exposure to elevated temperatures and noise, 99 cochlear, of gerbils, 127

Vestibule, adaptive responses of, 262

changes in Reye's syndrome, 191

dysfunction in Cogan's syndrome, 258

effects of topical otic drops on, 166

efferent system of, 206

enlargement of aqueduct in, 411

hair cell loss caused by aminoglycoside overdosage, 118

ototoxicity in, 387

reflexes of, effect of labyrinthine lesions on, 15, 93 temperature changes in during  $\rm CO_2$  laser stapedotomy, 108

Virus(es), Epstein-Barr, carcinoma cells activated by, 1 influenza B, effects on inner ear in Reye's syndrome, 191 Voice, disorders of, laryngeal aerodynamics in, 397

disorders of, spastic, 7

